

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 April 2004 (29.04.2004)

PCT

(10) International Publication Number
WO 2004/036067 A2

BEST AVAILABLE COPY

(51) International Patent Classification⁷: F16C (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number: PCT/GB2003/004470

(22) International Filing Date: 14 October 2003 (14.10.2003)

(25) Filing Language: English (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(26) Publication Language: English

(30) Priority Data:
0223707.1 14 October 2002 (14.10.2002) GB

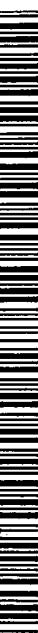
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Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



A2

WO 2004/036067 A2

(54) Title: LINEAR BEARING

(57) Abstract: A bearing (1) having a frame (2), the frame at least partly surrounding two matrices (12, 16), each of a plurality of spheres (10) which are mounted for rotation so that the spheres in each matrix when the matrix is flat lie in a substantially single plane, the plane of one matrix being parallel to that of the other, the spheres of one matrix are so located that they mostly lie against the spheres on the other matrices so that rotation of the spheres of one matrix results in counter-rotation of spheres of the other matrix; the bearing formed in such a way enables the bearing to be pushed or pulled under an object such as a patient lying on the ground with little or no movement transmitted to the object/patient as the bearing moves between the object and an underlying surface. The bearing can also be used for massaging a patient who is unable to move his or her body or for bearings with civil engineering applications.